



**US Army Corps
of Engineers®**



Fairport Harbor, OH

Harbor Features

- Located on Lake Erie in the city of Fairport, Lake County, Ohio.
- Authorization: River & Harbor Acts of 1825, 1896, 1905, 1919, 1927, 1930, 1935, 1937 and 1946.
- Deep draft commercial harbor.
- Controlling depths are 25 feet in the Outer Harbor and 21-24 feet in the river.
- 111th leading U.S. port with 2.5M tons of material shipped or received in 2005.
- Fairport Harbor is ranked 28th among the Great Lakes Ports.
- Over 2.2 miles of breakwater structures
- 360 acre Outer Harbor and 1.5 miles of Federal Channel on the Grand River.
- Major stakeholders include the Fairport Harbor Port Authority, U.S. Coast Guard, Carmuse Lime, Morton International, Incorporated, Northeastern Road Improvement Company, Osborne Concrete & Stone, and Sidley Stone Products.

Project Needs

- The 925 feet of East breakwater starting at the harbor's entrance is in particularly poor structural condition. Repairs will be required.
- The easternmost 2,000 feet of the East breakwater is completely deteriorated to the point where the entire structure has settled below the water surface.
- Approximately 120,000 cubic yards of material must be dredged every 1-2 years. The harbor was last dredged in 2005 and is in need of maintenance dredging in order to maintain adequate channels depths for safe navigation of commercial vessels.
- The current sediment backlog within the functional harbor areas is estimated at approximately 363K CY.
- The current critical shoal depth within the harbor is approximately 6 feet and this is resulting in estimated additional transportation costs of \$4,972,902 in 2007.



Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 2 and 3 feet of channel depth results in increased transportation costs of between \$868K and \$1.5M annually.
- Inadequate channel depths have resulted in groundings of commercial vessels within the federal project during FY07.

Transportation Importance

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include limestone, aggregates, ores and minerals.
- Bulk commodities that pass through Fairport Harbor generate approximately \$33.3M annually in direct revenue which supports over 467 jobs.
- These jobs generate over \$17.3M per year in personal income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Fairport Harbor, Ohio Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Condition Surveys	26	0			26	
Structure Repair – East Breakwater (F/P)	590	10	1,515	0		
Maintenance Dredging – Primary Work Package	1,625	49	1,775	0	2,400	
Maintenance Dredging – Backlog Work Package					374	
E&D and Construction, Addition of Safety Ladders to East Pier	100	7			100	
Snagging and Clearing (F/P)					45	
Structure Repair – East Arrowhead Breakwater (F/P)					595	
Evaluate East Breakwater (Eastern 4,000')					50	
TOTALS	2,341	66	3,290	0	3,590	

*FY09 President's Budget will be available in February 2008